

**ITEM 454 PAVEMENT RELIEF JOINTS**

**454.01 Description**

**454.02 Materials**

**454.03 General**

**454.04 Placement**

**454.05 Method of Measurement**

**454.06 Basis of Payment**

**454.01 Description.** This work consists of constructing pavement relief joints composed of asphalt concrete on a prepared subgrade.

**454.02 Materials.** Furnish asphalt Concrete conforming to Item 448 Asphalt Concrete, Intermediate Course (Medium Traffic), PG64-22.

**454.03 General.** Construct pavement relief joints with all Portland cement type pavements or bases, in accordance with the provisions contained herein. Each pavement relief joint shall be 4 feet (1.2 m) long and extend between pavement edges, curbs or gutters. Place 2 inches (50 mm) of expansion joint material in the curb or curb and gutter at and centered on the relief joint. Place the Item 448 Asphalt Concrete, Intermediate Course (Medium Traffic), PG64-22 material in lifts no greater than the thickness of the pavement or base divided by 3; however, do not exceed 3 inches (75 mm) in any lift. Construct the pavement relief joint flush to the top of the Portland Cement Concrete pavement or base.

**454.04 Placement.** Construct pavement relief joints as follows:

1. At the P.C. and P.T. for all pavement sections with a centerline radii less than or equal to 500 feet (150 m) and deltas greater than 50 degrees.
2. At least one between intersections, including T type. Construct additional pavement relief joints when the distance within any one block exceeds 800 feet (240 m); space these additional pavement relief joints a minimum of 400 feet (120 m) apart and not to exceed 800 feet (240 m).
3. Whenever a new roadway adjoins an existing roadway, begin this work with a pavement relief joint.
4. Plan pours of pavements or bases in such a manner so as to end a day's work at a pavement relief joint.

**454.05 Method of Measurement.** The City will measure the actual linear feet (meter) of Pavement Relief Joint accepted in place as measured between curbs and perpendicular to the centerline of the pavement.

**454.06 Basis of Payment.** The City will pay for accepted quantities complete in place, at the contract price as follows:

<b>Item</b>	<b>Unit</b>	<b>Description</b>
454	Lin. Ft. (Meter)	Pavement Relief Joint